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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SNOW SURVEYS for ALASKA



April 1963

Snow Cover - In general, snow cover was greater on April 1 than it was a month ago. This additional snow depth also had a greater water content except in a few isolated areas. The last two weeks of March were marked by extremely violent winds over much of Alaska. These winds undoubtedly disturbed the snow cover on some of the higher courses and the new snow, which fell after the winds, was quite fluffy.

Water Content - Comparing the water content of the snow on April 1, 1963 with April 1962 there is about 3 inches less water this year. This still indicates less danger from floods during the spring thaw in the major drainage basins, providing weather conditions at this time are normal.

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C & R-PREP.

Data included in this report were obtained by the Soil Conservation Service in cooperation with the Alaska Soil Conservation District, U.S. Army, Corps of Engineers, U.S. Bureau of Reclamation, Alaska Highway Commission, Alaska Agricultural Experiment Station.

Report issued by W.B. Oliver, State Conservationist, P.O. Box F, Palmer, Alaska.

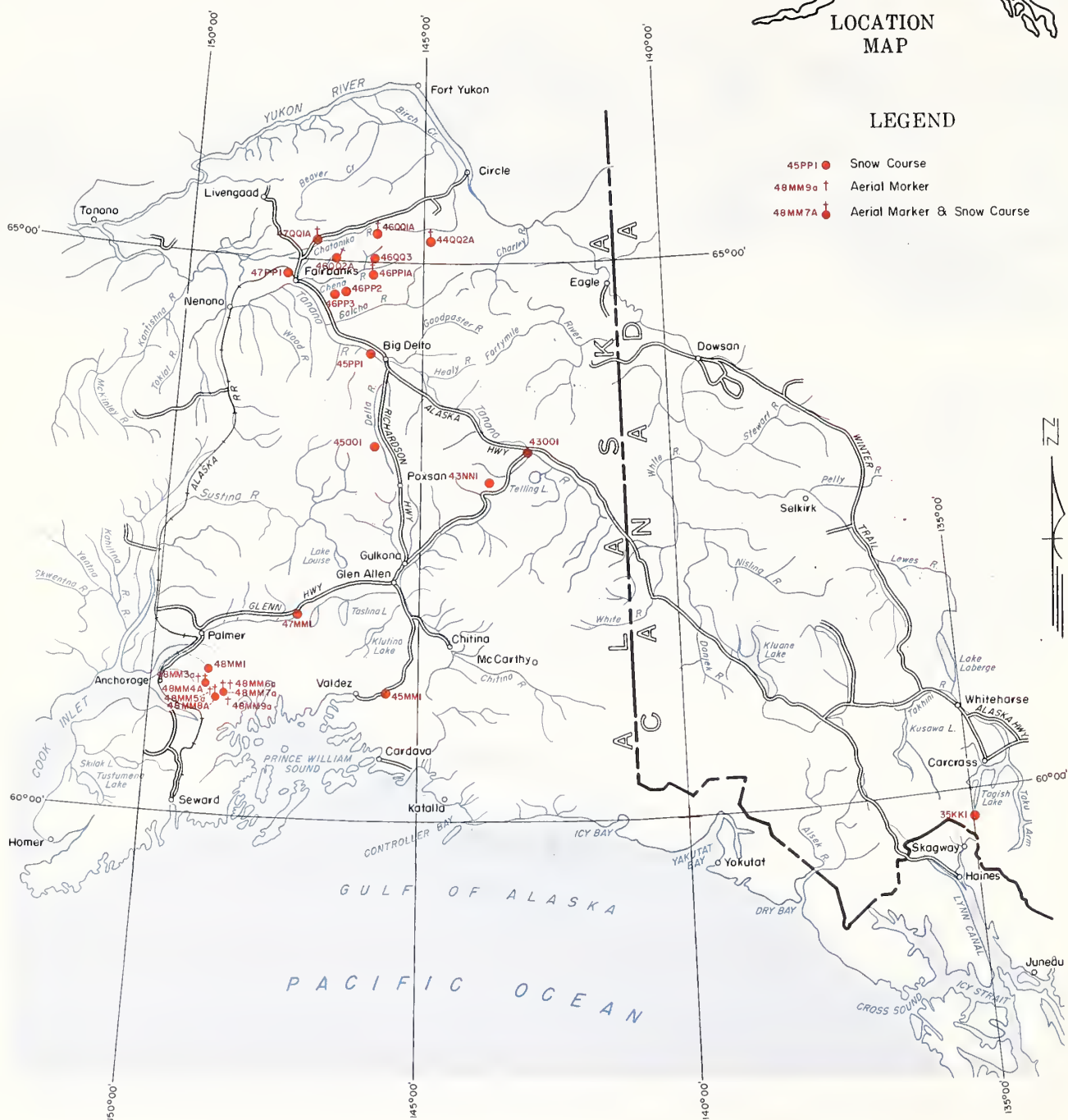
SNOW SURVEYS for ALASKA

50 0 50 100 150
SCALE IN MILES



LEGEND

- 45PPI ● Snow Course
- 48MM9a † Aerial Marker
- 48MM7A † Aerial Marker & Snow Course



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
						LAST YEAR	AVERAGE ^b
Big Delta	45-PP-1	3850	4/2/63	20.5	2.0	4.5	3
Chena Hot Springs	46-QQ-3	1180	4/5/63	34.8	9.0	8.2	8.6
Cleary Summit	47-QQ-1a	2230	4/2/63	36.9	7.8	10	7.8
Fielding Lake	45-00-1	3000	4/4/63	56.3	16.7	15.7	15.9
French Creek	46-PP-2	2010	4/2/63	38.4	7.1	11.1	9.1
Goat	48-MM-7a	3200	3/20/63	43.7	13.3	---	---
Grizzly	48-MM-4a	5000	3/20/63	62.5	19.5	---	---
Little Chena	46-QQ-2	2200	4/5/63	34.1	3.8	8.6	6.2
Little Salcha	46-PP-3	1500	4/2/63	34.6	5.9	8.4	7.2
Log Cabin, B. C.	35-KK-1	2880	4/2/63	49	8.9	8.4	12
Marmot	48-MM-8a	2000	3/20/63	62.3	21.7	---	---
Mentasta Pass	43-NN-1	2430	4/2/63	39.1	8.2	9.8	9
Moraine	48-MM-1	2100	3/20/63	14.5	3.1	---	9.3
Mt. Ryan	46-QQ-1	2950	4/5/63	45.9	6.4	13.1	9.8
Munson Ridge	46-PP-1	3100	4/5/63	57.7	17.7	26.0	21.9
Ptarmigan	48-MM-2	3000	3/20/63	28.1	7.5	---	10.2
Sheep Mt.	47-MM-1	2700	3/31/63	23.7	4.9	8.3	5.4
Tok	43-00-1	1650	4/2/63	17.9	2.4	4.4	3
Worthington Glacier	45-MM-1	2400	3/31/63	63	21	25	23.9
Yak Pasture	47-PP-1	540	4/1/63	32.1	4.5	4.6	4

(a) Aerial observation; Water content estimated. (b) Average for period of record.

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